

---

**Application:** 2021-3  
**Applicant:** MWH Associates, LLC  
**Owner:** MWH Associates, LLC  
**Address:** (40-0113) & (40-0115) Arbutus Drive  
**Description:** Proposed new 600ft access driveway with associated blasting, excavation, grading and drainage system

---

### **Proposal**

MWH Associates, LLC submitted an application for an inland wetlands and watercourse permit to construct a new 600' access driveway with associated blasting, excavation, grading and drainage system within 100 ft upland review area on property located at (40-0113) & (40-0115) Arbutus Drive pursuant to Section 3 of the Inland Wetland & Watercourses Regulations.

### **Existing Conditions**

The property controlled by MWH Associates, LLC consists of three parcels totaling 26.43 acres with frontage on Arbutus Street. The property is vacant with no structures. There is an existing access driveway nearly 900ft south of proposed accessway.

The property is mostly wooded although the central portion of the property has recently been cleared. Some areas of the property has steep slopes that slope upward from Arbutus Street. There is a 50ft change in to elevation within the 100 ft review area. There are areas of exposed ledge. The soil consists of Cheshire-Holyoke complex, 15 to 35 percent slopes. There are 1.59 acres of wetlands located on the western portion of the property.

### **Proposed Conditions**

The applicant proposes to construct a new 600ft access driveway from Arbutus Street. The project includes excavation, regrading and a stormwater management system. The proposed driveway has a maximum proposed slope of 15%.

### **Wetlands Disturbance**

The proposal does not include disturbance to any wetlands area.

### **Upland Review Disturbance**

The total area of regulated area that will be impacted is 0.007 acres because of the proposed stormwater management plan. The proposal includes excavation and installing a new drainage lateral from the proposed driveway entrance to an existing catch basin located 76 ft to the north.

### **Stormwater Management**

The existing drainage are for the impacted area includes 162,115 SF of land that flows northwest down to Arbutus Street and flows north to a catch basin in Arbutus Street. Under proposed conditions that area is divided into 5 smaller sub drainage areas where stormwater flows down onto the new road. Stormwater will be collected with catch basins in the road and

direct it to an underground detention system that is installed under the road. Overflow will be directed to the existing drainage system under Arbutus Street and connect at an existing catch basin located in the 100 ft upland review area.

### **Erosion & Sediment Controls**

The proposed erosion & sedimentation controls consisting of a single row of silt fencing along the top of the rock slopes. Haybales are proposed around catch basins.

### **Issues To Be Resolved**

1. The applicant should confirm the volume of material that is being extracted.
2. The applicant should describe how the erosion control plan prevents stormwater and sedimentation from entering the road way during excavation and construction. A temporary sedimentation barrier should be considered.
3. The applicant should confirm if soil testing has occurred in the location of the stormwater detention system.
4. The applicant should confirm that the ground cover for over the detention system meets the product specifications.
5. S&E controls should be installed and inspected prior to the start of work. They shall remain functioning and intact for the duration of the site work.
6. The applicant should describe how the excavation will impact natural drainage patterns.
7. Standard permit notes and conditions shall apply.